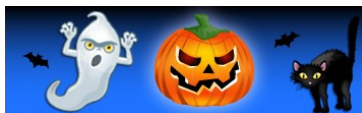




Utah Climatic Summary

October 2012



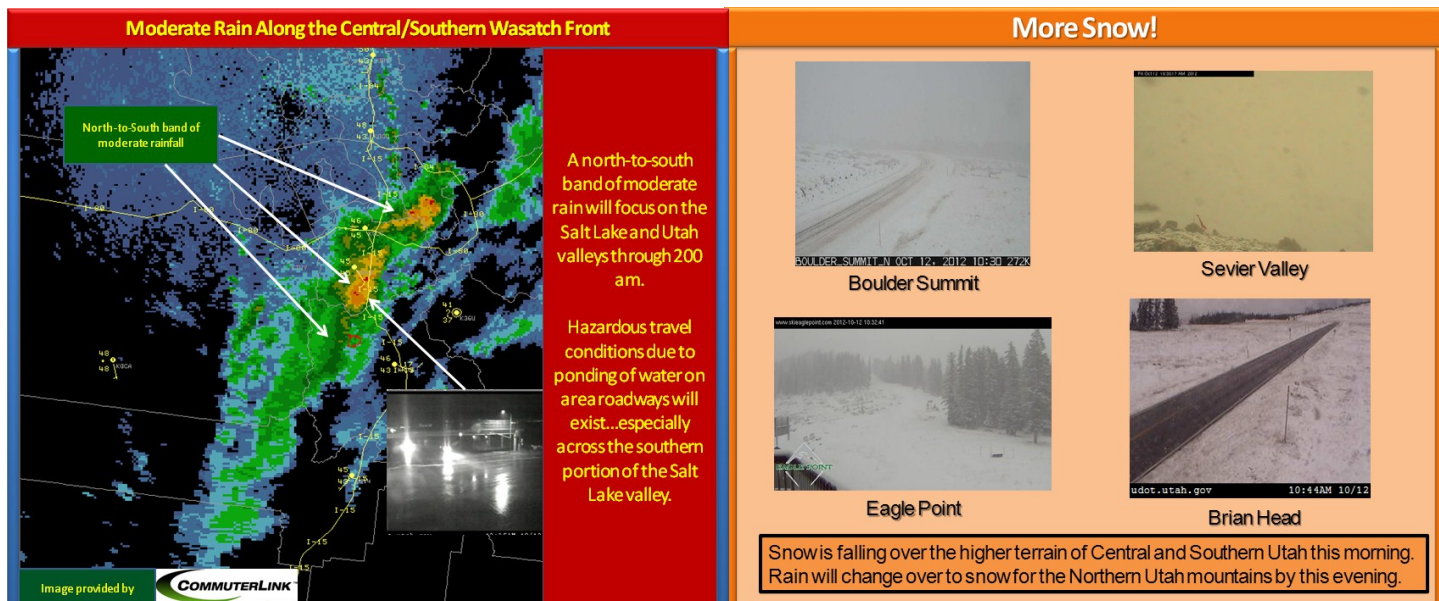
Here's a look at rainfall reports for the month of October:



Station	Precipitation	Snowfall	Normal Pcpn	Percent of Normal
Alpine	1.10	3.9	2.10	52
Alta	2.01	14.0	4.23	48
Altamont	0.43	-	-	-
Alton	0.55	-	1.86	30
Big Water	0.24	-	0.97	25
Boulder	1.30	-	1.40	93
Bountiful-Val Verda	2.31	Trace	2.30	100
Brigham City	1.44	1.0	1.82	79
Bullfrog Basin	0.38	-	0.98	39
Capitol Reef Nat'l Park	0.90	-	0.90	100
Castle Dale	0.39	-	1.02	38
Centerville	2.91	2.0	-	-
City Creek	1.84	3.8	2.62	70
Clearfield	2.33	2.2	-	-
Cottonwood Weir	1.43	2.0	2.60	55
Deer Creek Dam	0.60	4.0	2.35	26
Delta	0.57	Trace	-	-
Duchesne	0.20	0.3	1.01	20
Echo Dam	1.58	3.0	1.58	100
Eden 2N	3.44	21.0	-	-
Escalante	1.06	-	1.29	82
Ferron	0.75	-	1.16	65
Fillmore	0.10	-	1.75	6
Fremont Indian S.P.	0.79	-	1.35	59
Garfield	1.89	-	1.92	98
Hanksville	0.67	-	0.84	80
Hans Flat	0.32	-	1.33	24
Heber City	0.52	4.0	1.62	32
Helper-Carbon	0.75	-	1.65	45
Huntsville	3.06	20.0	1.95	157

Station	Precipitation	Snowfall	Normal Pcpn	Percent of Normal
Kanab	0.50	-	1.59	31
Kanosh	0.79	-	1.70	46
Kodachrome Basin S.P.	0.59	-	1.38	43
Laketown	2.22	15.0	1.26	176
Layton	2.35	2.5	-	-
Levan	1.19	-	1.71	70
Loa	0.75	-	0.92	82
Logan KVNU	1.61	1.0	1.77	91
Logan USU	1.87	2.5	2.03	92
Logan 5 SW	1.87	2.4	1.86	101
Manti	0.95	Trace	1.52	63
Milford	1.13	-	1.17	97
Minersville	1.65	-	1.42	116
Mountain Dell	2.37	6.0	2.73	87
Myton	0.39	-	0.93	42
Neola	0.58	-	1.22	48
Nephi	0.67	Trace	1.57	43
Ogden NE Bench	2.90	4.2	-	-
Orderville	1.01	-	1.41	72
Paria Ranger Station	0.25	-	-	-
Pineview Dam	4.21	16.0	3.14	134
Pleasant Grove	0.89	-	1.81	49
Provo BYU	0.70	1.0	2.00	35
Randolph	2.58	16.7	1.22	211
Richfield	0.44	-	1.05	42
Richmond	1.81	-	2.01	90
Salt Lake Triad Center	1.33	0.7	1.64	81
Salt Lake Int'l Airport	1.53	0.3	1.52	101
Santaquin	0.82	-	2.09	39
Snyderville	3.28	8.0	-	-
South Ogden	2.86	7.8	-	-
South Salt Lake	1.63	0.4	-	-
Spanish Fork	0.60	-	2.22	27
Springville	0.81	-	-	-
Stansbury Park	1.26	1.0	-	-
Sunnyside	0.49	-	1.70	29
Trenton	1.66	1.3	1.78	93
Upper Millcreek	2.02	5.5	-	-
Utah Lake Lehi	0.66	Trace	1.32	50
Wanship Dam	1.72	4.0	1.81	95
Weber Basin Pump Plant	2.71	-	2.53	107
Wellington 3E	0.57	-	1.05	54

October 12th-13th - The first storm of the month brought widespread rain to most of Utah, with snow falling in the mountains above the 9000 foot level. The heaviest precipitation fell over the southern two-thirds of the state, while areas north of about Brigham City received very little if any moisture. Winds were not particularly strong with this system, but a few thunderstorms did produce gusty winds.



Precipitation Totals (inches)

Midway Valley	2.00	Lava Point	1.59	Beaver	1.46
Kolob	1.40	Elk Ridge	1.38	Clayton Springs	1.30
Cedar City	1.30	Milford	1.30	Pine Valley	1.24
Webster Flat	1.20	Boulder	1.18	Horse Hollow	1.16
Blacksmith Fork	1.15	Enterprise	1.14	Veyo Powerhouse	1.13
Larb Hollow	1.12	Milford Airport	1.08	Badger Spring	1.07
St George 4 NNW	1.01	La Verkin	1.01	Jensen Spring	1.00
Highland	0.97	Cedar City Airport	0.97	Mud Spring	0.95
Escalante	0.94	Capitol Reef NP	0.90	Zion National Park	0.90
Farnsworth Lake	0.90	Panguitch	0.89	Bryce Canyon Airport	0.89
South Salt Lake	0.87	Apple Valley	0.86	Hurricane	0.85
Henry Mountain	0.84	Fish Lake RS	0.83	Sevier Reservoir	0.83
Muddy Creek	0.80	Pickle Keg	0.80	Parleys Summit	0.80
Salt Lake City	0.79	Sandy	0.78	Alta-Base	0.78
Spring City	0.76	Agua Canyon	0.76	Loa	0.75
Olympus Cove	0.75	Oak City	0.75	SLC Upper Avenues	0.74
Holladay	0.73	Centerville	0.72	Taylorsville	0.71
Cottonwood Heights	0.71	Morgan	0.71	Helper	0.71
Brimstone Reservoir	0.71	Upper Millcreek	0.70	Bountiful Bench	0.69
Bountiful	0.66	St. George	0.63	Lost Creek/Croyden	0.62
Delta	0.62	Bountiful-Val Verda	0.62	Tropic	0.61
Monroe	0.61	West Jordan	0.61	Brown Duck	0.60
Lakefork Basin	0.60	Olympus Hills	0.59	Norway	0.59
White Reef	0.59	Bryce Canyon	0.59	West Valley City	0.58
Torrey	0.57	Zion Canyon	0.57	Alta-Collins	0.56
Summit Park	0.55	Pleasant Grove	0.54	Moon Lake	0.50
Caineville	0.51	Layton	0.50	Salt Lake Int'l Airport	0.50
Spanish Fork	0.50	Tule Valley	0.48	Hanksville	0.48


Lehi	0.47	Kanab	0.45	Herriman	0.45
Vernon	0.45	Kodachrome Basin	0.44	South Weber	0.44
Saratoga Springs	0.44	Castle Dale	0.43	West Bountiful	0.43
Huntsville	0.43	Pleasant View	0.42	Richfield Radio	0.42
South Ogden	0.40	Springville	0.40	Park City Golf Course	0.40
Rocky Basin-Settleme	0.40	Orem	0.39	Snake Creek/Heber	0.39
Deer Valley-Ruby	0.39	Wellington 3E	0.39	Bullfrog Basin	0.38
Heber City	0.38	Eyring Science Center	0.37	Syracuse	0.36
Beus Canyon	0.36	Springville	0.36	Roosevelt	0.36
Roy	0.35	Hill A.F.B.	0.33	Fruit Heights	0.33
University of Utah	0.33	Magna	0.31	Stockton	0.31
Snowbasin-Mid Bowl	0.31	Weber Basin/Morgan	0.31	Grantsville 2W	0.30
Snowbird	0.30	Altamont	0.30	Hans Flat	0.30
Bullfrog Marina	0.29	Green River	0.28	Hangglider Port	0.28
Price Airport	0.28	Farmington	0.27	Hanna	0.26
Ogden Airport	0.26	Deer Creek Dam	0.24	Big Water	0.24
Alpine	0.22	Provo BYU	0.21	West Haven	0.21
Goblin Valley S.P.	0.20	North Ogden	0.19	Stansbury Park	0.18

Peak Wind Gusts (MPH)

Laketown UDOT	57	Central Wasatch Peaks	56	Ashley #2 Portable	53
Callao	52	I-15 @ Black Ridge	50	Bullfrog Marina	49
Causeway	48	Diamond Valley	47	Flight Park South	46
Chepeta	46	Brian Head 2S	46	US-40 @ Starvation	45
Cedar City Airport	44	Signal Peak	44	Dog Valley	44
North Salt Flats	43	Park City-Jupiter	43	Bluffdale	41

October 16th - A vigorous cold front moved rapidly across Utah, producing very strong winds and mainly light precipitation. The wind was strong enough to topple a semi-tractor trailer on I-15 near Willard. The heaviest precipitation fell across the Western Uinta Mountains and the Northern Wasatch Range. Any snowfall was confined to the higher peaks, with just a dusting above 10,000 feet or so.

Another Fall Cold Front Will Cross the State

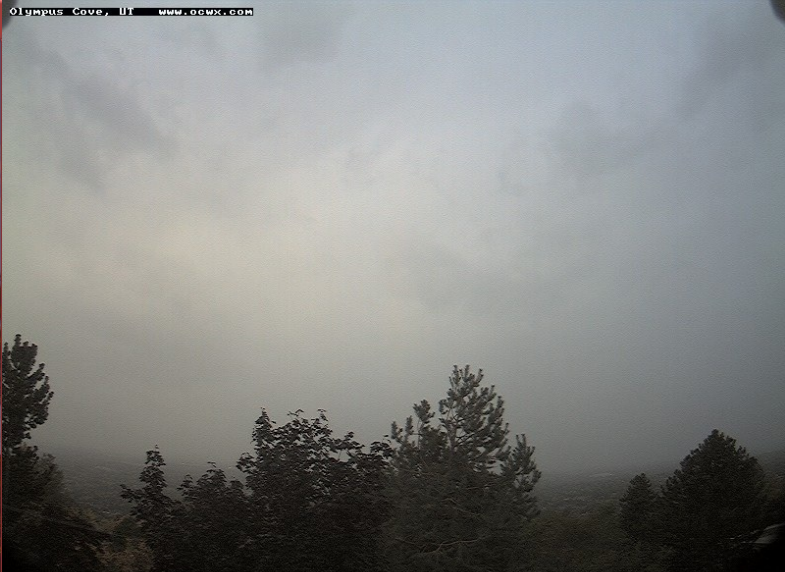


3 PM

9 PM

Strong winds will occur in many locations this afternoon and evening including:

- Interstate 80 from Wendover to Salt Lake City
- Northern Utah County
- Western Uinta Basin
- Uinta County, Wyoming
- Western areas of Castle Country (tonight)



Olympus Cove, UT www.ocwx.com

18:06:53 Tue Oct 16 2012

Precipitation Totals (inches)



Logan Summit	0.51	West Fork Blacksmiths	0.48	Bear River	0.34
East Fork Blackfork	0.34	WCF-1 Portable	0.24	Ashley #3 Portable	0.23
Swansons ENV Center	0.22	Alta-Base	0.21	Garden City	0.21
Mendon	0.20	Aspen Mountain	0.19	Randolph	0.18
Red Spur	0.16	WCF-2 Portable	0.16	Bothwell	0.15
Blacksmith Fork	0.15	Lost Creek/Croyden	0.14	Hewinta	0.13
Otter Creek	0.12	Laketown	0.12	Snowville	0.11
Herriman	0.10	Ogden	0.09	Richmond	0.08
Summit Park	0.08	Taylorsville	0.08	Logan Campbell	0.07
Park City Golf Course	0.06	Brigham City	0.06	Smithfield	0.05
Bountiful	0.05	Huntsville	0.05	Norway	0.05
Deer Valley-Ruby	0.04	Salt Lake City	0.04	Holladay	0.04
Eyring Science Center	0.04	Rosebud	0.04	Highland	0.03
Olympus Cove	0.03	Sandy	0.03	Murray	0.03
Orem	0.02	Olympus Hills	0.02	Capitol Reef NP	0.02

Peak Wind Gusts (MPH)



Central Wasatch Peaks	85	Powder Mountain	84	SR-30	65
Promontory Point	64	SR-30 @ Curlew	63	Red Spur	60
Baccus Highway	60	Lakeside Mountain	60	Pleasant Grove	59
Wendover POE	58	Diddle Knoll	58	I-80 East of Evanston	57
Juliet Road	56	Snowbasin-Wildcat	56	US-40 @ Starvation	55
Otter Creek	55	Sherwood Hills	55	Provo Airport	55
Pioneer Crossing	54	I-80 @ MP 29	54	Vernon Hill	54
Gunnison Island	53	English Village	53	Logan Summit	53
Hat Island	53	Highland	52	Eyring Science Center	52
Wendover Airport	52	Bothwell	51	Washington Terrace	51
Mantua	50	Weber Canyon Power	50	Salt Lake Int'l Airport	49
Syracuse	49	Rosebud	49	Skyline	48
Badger Island	47	Tremonton	47	Garden City	47
Huntsville	46	Eagle Range	45	University of Utah	45
Burmester	45	Great Salt Lake Marina	44	Ogden Airport	44
West Ogden	44	US-6 @ Eureka	43	Snowville	43

October 22nd-25th - A strong, unseasonably cold and wet storm system brought a variety of weather to much of the beehive over a 4 day period. The system hit in 3 waves...the first wave bringing very strong winds and scattered showers to most of the state. The second wave brought in more steady rainfall to Northern and Central Utah, with snow on the higher terrain. The final wave brought the snow level to most valley locations in Northern Utah, where generally 2 to 6 inches fell. The snow was heavy and wet, and since many trees had not lost their leaves yet, there was some tree damage reported. In the mountains and mountain valleys, the snow could be measured in feet in some locations, forcing school closures in the Ogden and Morgan Valleys, and I-84 in Weber Canyon was closed for a time due to slide-offs. The Northern Wasatch Range did the best with 42 inches of fresh snow reported at Powder Mountain, 30 inches at Monte Cristo, 28 inches in Liberty, 21 inches in Eden, 17 inches in Laketown and Randolph, and 15 inches at Pine View Dam. Lake-effect snow squalls developed late in the event, but snowfall from these squalls were generally light, and mainly across the Salt Lake and Tooele Valleys. And finally, the cold air with the system also brought an end to what was left of any growing season across the valleys in Northern Utah, with morning lows on the 26th dipping well into the 20s in areas that had yet to fall below freezing this season.



Above Left: Heavy, wet snow began falling in the Ogden area very early in the morning on the 25th.
Above Right: This heavy snow made for a dangerous commute, with this photo near the I-84/US-89 junction at the base of Weber Canyon. Photos Courtesy of Steven Grames and KSL.



Above Left: The heavy, wet snow toppled trees in some areas, including this home in South Ogden.
Above Right: A Summit Park resident breaks out the snow shovel, as the storm moves southward.
 Photos Courtesy of Dan Brown, Raven Call, and the Deseret News.



Above: On the bright side, the abundant snowfall was just what area ski resorts needed, as the storm provided the first significant amounts to the mountains. The Northern Wasatch resorts were hit the hardest, with 2-3 feet being the norm, and 6-12 inches elsewhere. Photos Courtesy Deseret News.

Precipitation Totals (inches)



Monte Cristo	3.70	Pine View Dam	3.68	Snowbasin-Base	3.60
Farmington Bench	3.27	NE Ogden Bench	2.75	Weber River/Morgan	2.70
Dry Bread Pond	2.70	Ogden 2NE	2.53	Ben Lomond Peak	2.50
South Ogden	2.40	Morgan	2.35	Huntsville	2.25
Lightning Ridge	2.20	Brigham City	2.20	Centerville	2.17
South Weber	2.12	Beus Canyon	2.08	USU Doc Daniel	2.00
Laketown	1.99	Randolph	1.98	Layton	1.93
Park City Golf	1.91	Bountiful Bench	1.86	Hill A.F.B.	1.82
Providence	1.79	North Logan	1.79	Roy	1.77
Ogden Airport	1.75	Hyde Park	1.71	Harrisville	1.66
Logan Campbell	1.57	West Haven	1.55	Hills	1.52
Syracuse	1.50	West Weber	1.49	Chalk Creek #1	1.40
Smithfield	1.40	Farmington	1.39	Richmond	1.38
Perry	1.36	Mill-D-North	1.30	Mining Fork	1.30
Tooele	1.30	Alta-Guard	1.29	Upper Millcreek	1.26
Fruit Heights	1.25	Holladay	1.24	Silver Lake Brighton	1.21
West Bountiful	1.14	Magna	1.11	Snowbird	1.10
North Holladay	1.03	Brighton	1.00	Stansbury Park	0.99
Great Salt Lake Marina	0.98	Salt Lake Int'l Airport	0.97	Olympus Cove	0.96
SLC Upper Avenues	0.94	Woods Cross	0.90	Stockton	0.89
Wanship Dam	0.88	Bothwell	0.87	Riverside	0.83
Olympus Hills	0.80	Cottonwood Heights	0.73	South Salt Lake	0.66
West Valley City	0.65	West Jordan	0.64	Taylorsville	0.63
Sandy	0.62	Herriman	0.52	Grantsville	0.51
Elk Ridge	0.40	Alpine	0.31	Roosevelt	0.27
Pleasant Grove	0.26	Provo BYU	0.23	Springville	0.23

Snowfall Totals were (inches)



Powder Mountain	42	Monte Cristo	30	Liberty	28
Eden	21	Laketown	17	Randolph	17
Pine View Dam	15	Snowbasin-Mid Bowl	12	Alta	11
Morgan	8	South Ogden	7	Tooele	7
Upper Millcreek	6	Silver Lake Brighton	5	Hill A.F.B.	5
Heber City	4	Summit Park	4	NE Ogden Bench	4
Bountiful Bench	4	South Weber	4	Cottonwood Heights	4
Sandy	4	Stockton	4	Providence	3
Deer Creek Dam	3	Alpine	3	Wanship Dam	3
Hills	2	North Logan	2	Layton	2
Centerville	2	SLC Upper Avenues	2	Pleasant Grove	2
American Fork	2	Park City	2	Smithfield	2
Richmond	1	Brigham City	1	West Jordan	1

Peak Wind Gusts (MPH)



Central Wasatch Peaks	75	Sundance-Arrowhead	73	Chepeta	67
Vernon Hill	63	Great Salt Lake Marina	61	Signal Peak	58
Sherwood Hills	58	Lakeside Mountain	57	Parleys Summit	55
Brigham City Airport	55	Red Spur	54	Wendover Field	52
Enterprise	52	Heber City Airport	51	Oakley	49



Here's a look at Record Temperatures set for the month of October:



Oct 1st - Zion National Park tied their record high maximum temperature with 97 (97/2010).

Oct 2nd - It was déjà vu as Zion National Park once again tied their record high maximum temperature of 97 (97/2010).

Oct 3rd - Cedar City Airport tied their record high maximum temperature with 85 (85/1993).

Oct 4th - Utah Test Range broke their record high maximum temperature with 83 (81/2001).

Oct 5th - Bullfrog tied their record high maximum temperature with 92 (92/2010).



Oct 6th - Summer-like temperatures came to an abrupt end as a dry cold front pushed through the state, with a very cold Canadian air mass in its wake. Randolph got things started, tying their record low minimum temperature with a morning low of 12 (12/2000).

Oct 7th - Randolph broke their record low minimum temperature with 10 (12/1992).

Oct 8th - Two locations tied record low minimum temperatures, Alpine 31 (31/1982), and Randolph 14 (14/2000).

Oct 9th - Brigham City broke their record low minimum temperature with 25 (26/1946).



Oct 11th - Two spots reported record high minimum temperatures...Duchesne 44 (43/1942), and St. George 61 (61/1956).

Oct 20th - Laketown broke their record high minimum temperature with 46 (41/1977).

Oct 21st - Alpine set a new record high minimum with 49 (47/1985).

Oct 22nd - Six spots reported record high minimum temperatures...Alpine 56 (47/2010), Cedar City Airport 53 (47/1973), Milford 46 (45/1921), Provo BYU 57 (50/2010), Richfield 51 (47/2010), and Spanish Fork 54 (50/1940).

Oct 23rd - Four more locations reported record high minimums...Bullfrog 53 (52/1978), Cedar City Airport 49 (46/1989), Hanksville 58 (51/1973), and Milford 46 (45/1921).



Oct 25th - Three spots set record low maximum temperatures...Alta 23 (25/1975), Price 46 (46/1970), and Spanish Fork 42 (42/1954). Price also set a record low minimum with 21 (25/1984).

Oct 26th - Three more locations set record low minimums...Alpine 21 (24/1997), Alta 7 (7/1970), and Price 19 (22/1997).

Oct 27th - Two towns set record low minimums...Hanksville 19 (19/1917), and Price 23 (25/1997).



Oct 31st - It was a warm Halloween for Trick or Treating, with 5 locations setting record high maximums...Alta 60 (56/1999), Brigham City 72 (71/1962), Cedar City Airport 73 (73/1999), Provo BYU 75 (74/2008), and Salt Lake Int'l Airport 76 (73/2008).

THE SALT LAKE CITY UT CLIMATE SUMMARY FOR THE MONTH OF OCTOBER 2012

CLIMATE NORMAL PERIOD 1981 TO 2010

CLIMATE RECORD PERIOD 1874 TO 2011



WEATHER	OBSERVED VALUE	DATE(S)	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR'S VALUE	DATE(S)
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..... TEMPERATURE (F)

RECORD

HIGH	89	10/01/2010, 10/03/1963
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LOW	16	10/30/1971
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HIGHEST	84	10/02	86	10/01
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LOWEST	29	10/26	29	10/27, 10/28
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AVG. MAXIMUM	67.4	64.7	2.7	66.3
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AVG. MINIMUM	43.2	41.3	1.9	43.3
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MEAN	55.3	53.0	2.3	54.8
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DAYS MAX \geq 90	0	0.0	0.0	0
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DAYS MAX \leq 32	0	0.0	0.0	0
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DAYS MIN \leq 32	1	2.5	-1.5	4
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DAYS MIN \leq 0	0	0.0	0.0	0
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PRECIPITATION (INCHES)

TOTALS	1.53	1.52	0.01	1.59
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DAYS \geq .01	6	7.1	-1.1	7
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DAYS \geq .10	4	4.5	-0.5	3
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DAYS \geq .50	1	0.8	0.2	2
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DAYS \geq 1.00	0	0.1	-0.1	0
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SNOWFALL (INCHES)

TOTALS	0.3	1.4	-1.1	T
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SINCE 7/1	0.3	1.4		T
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WEATHER	OBSERVED VALUE	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE
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DEGREE DAYS

HEATING TOTAL	299	379	-80	341
SINCE 7/1	306	468	-162	341
COOLING TOTAL	7	7	0	32
SINCE 1/1	1615	1160	455	1162

WIND (MPH)

AVERAGE WIND SPEED	6.9		
HIGHEST WIND SPEED/DIRECTION	39/340	DATE	10/16
HIGHEST GUST SPEED/DIRECTION	49/310	DATE	10/16

WEATHER CONDITIONS. NUMBER OF DAYS WITH

THUNDERSTORM	3	RAIN	8
HAIL	1	SNOW	1
FOG	5	FOG W/VIS <= 1/4 MILE	0
HAZE	5		

- INDICATES NEGATIVE NUMBERS.

R INDICATES RECORD WAS SET OR TIED.

MM INDICATES DATA IS MISSING.

T INDICATES TRACE AMOUNT.



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or concerns to the webmaster: w-slc.webmaster@noaa.gov

